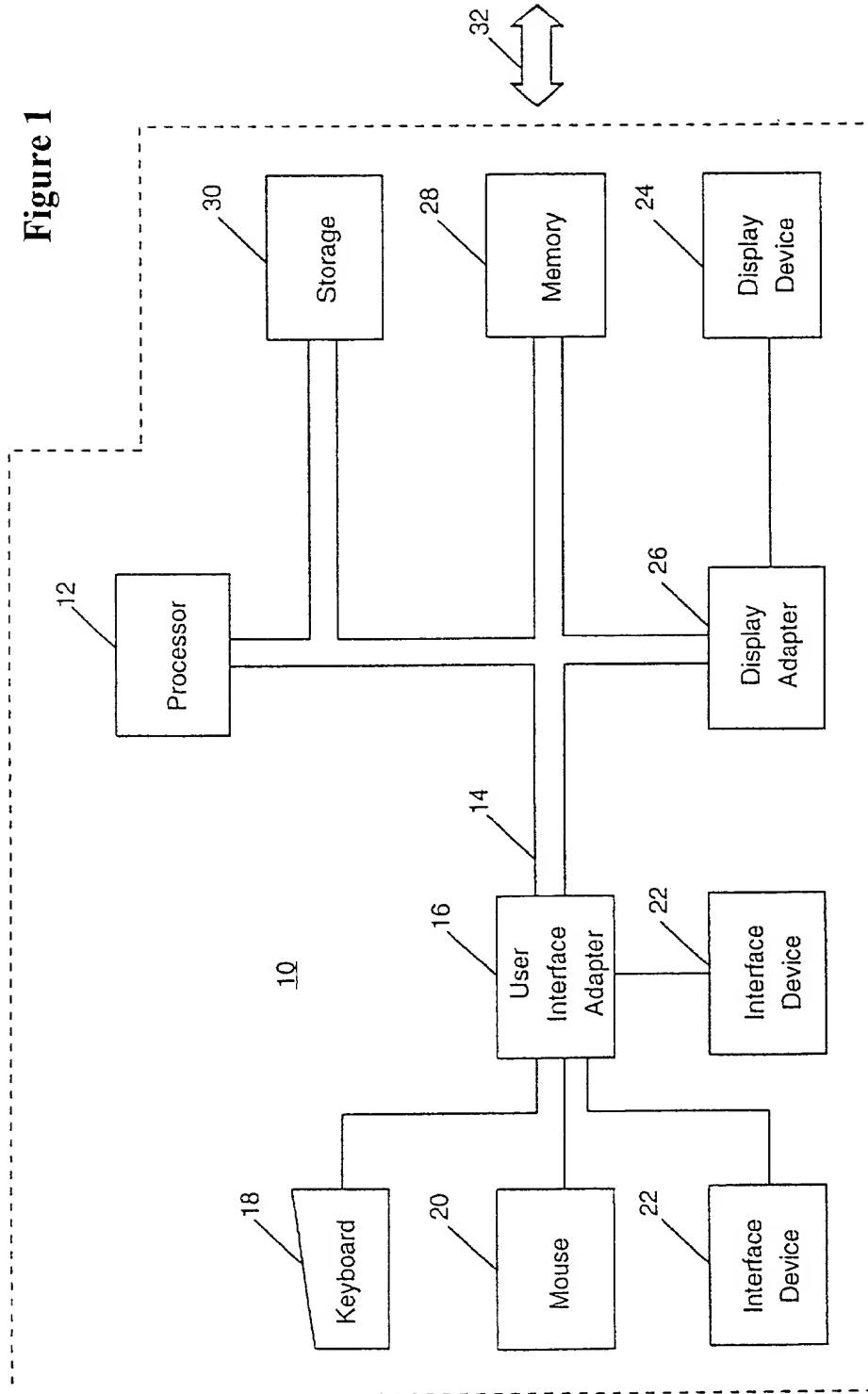


Figure 1



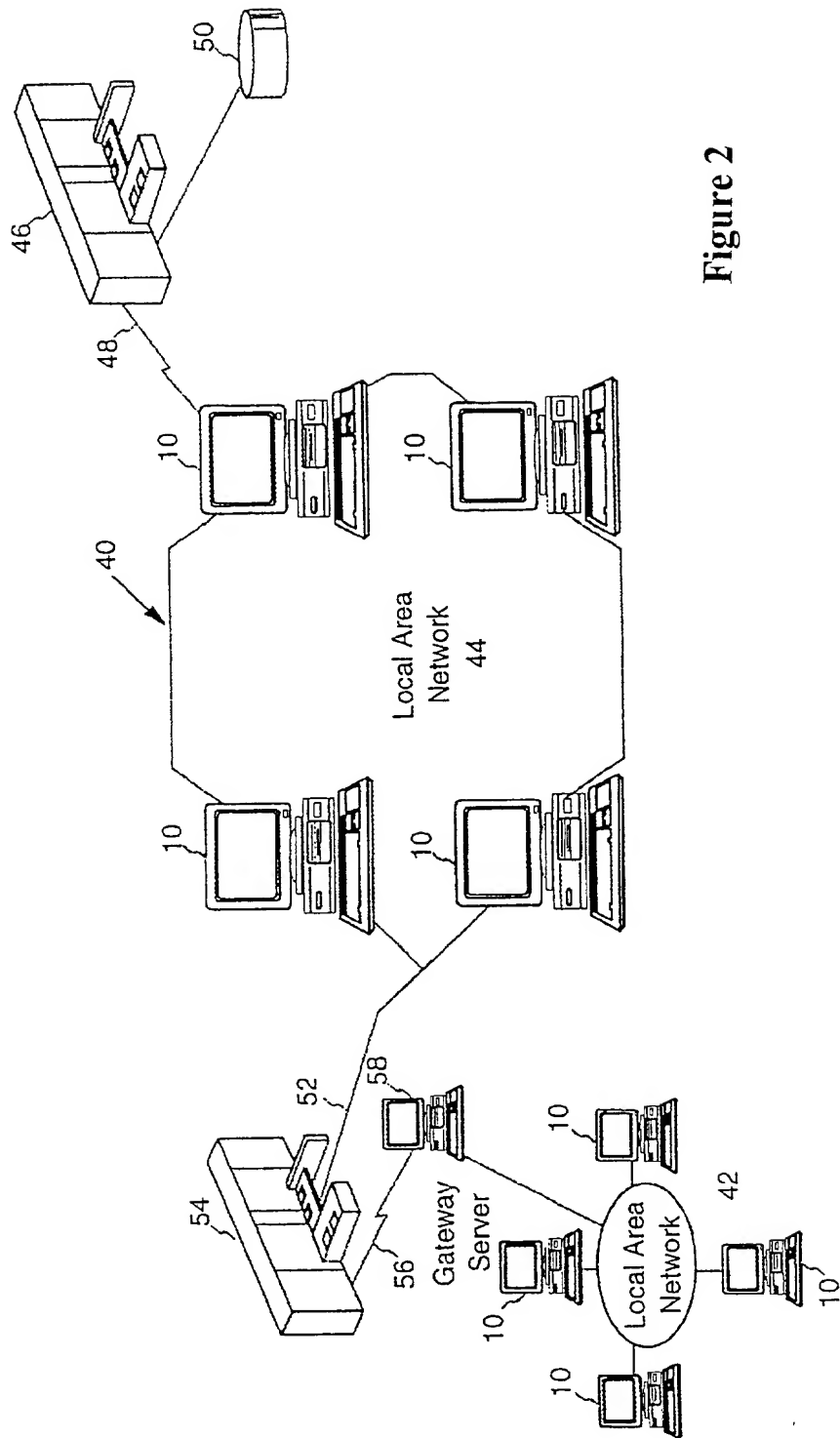


Figure 2

Figure 3

Method of converting a delimited flat file to a markup language specified by a document type definition file

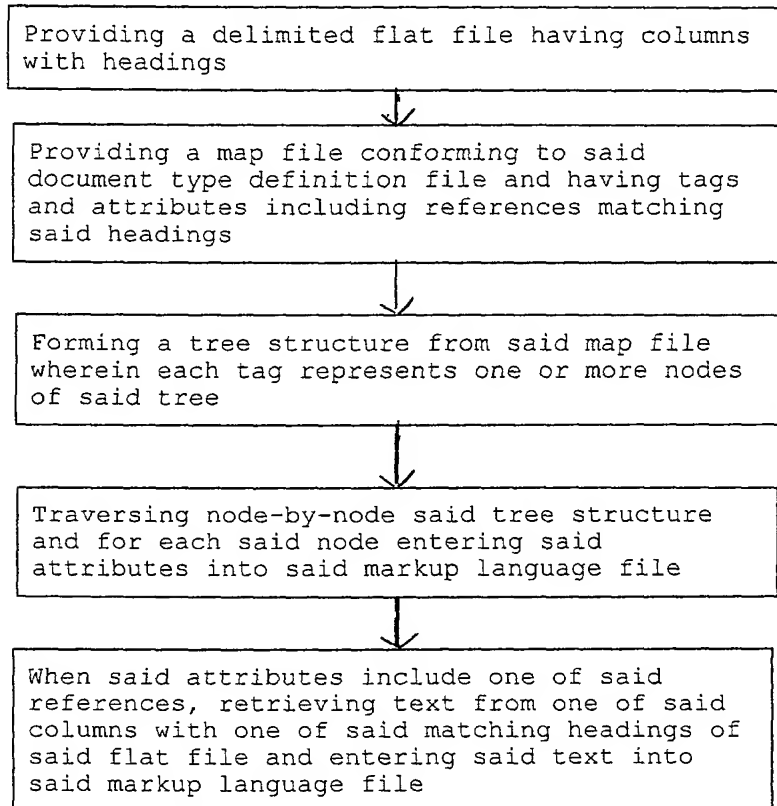


Figure 4

```
<!ELEMENT map (doctype?,stylesheet?,element_node+)>
<!ELEMENT stylesheet (#PCDATA)>
<!ELEMENT doctype (#PCDATA)>
<!ELEMENT element_node (attribute_node*,(text_node|element_node)*)>
<!ATTLIST element_node    name          CDATA          #REQUIRED
                           occurrence    (zero_or_more|one_or_more|optional|one)
                           isEntireRow    (yes|no)        "no">
<!ELEMENT text_node (#PCDATA)>
<!ATTLIST text_node       column        CDATA          #REQUIRED>
<!ELEMENT attribute_node (text_node)>
<!ATTLIST attribute_node  name          CDATA          #REQUIRED>
```